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**UTILITY  
PATENT APPLICATION  
TRANSMITTAL**

*Only for new nonprovisional applications under 37 CFR 1.53(h))*

Attorney Docket No. 06192.0094.DVUS01

First Named Inventor or Application Identifier Jong-Hwan Choi

Title APPARATUS FOR MANUFACTURING A THIN FILM TRANSISTOR ARRAY PANEL FOR A LIQUID CRYSTAL DISPLAY (AS AMENDED)

Express Mail Label No.

**APPLICATION ELEMENTS**

*See MPEP chapter 600 concerning utility patent application contents*

1.  \*Fee Transmittal Form (Form PTO-1082)  
*(Submit an original and a duplicate for fee processing)*

[Total Pages 17]

2.  Specification  
*(preferred arrangement set forth below)*

- Descriptive title of the Invention
- Cross References to Related Applications
- Statement Regarding Fed sponsored R&D
- Reference to Microfiche Appendix
- Background of the Invention
- Brief Summary of the Invention
- Brief Description of the Drawings (if filed)
- Detailed Description
- Claims
- Abstract of the Disclosure

3.  Drawing(s) (35 USC 113) [Total Sheets 13]

4. Oath or Declaration [Total Pages 3]

a.  Newly executed (original or copy)

b.  Copy from a prior application (37 CFR 1.63(d))  
*(for continuation/divisional with Box 17 completed)*

*[Note Box 5 below]*

i.  **DELETION OF INVENTOR(S)**

Signed statement attached deleting inventor(s) named in the prior application, see 37 CFR 1.63(d)(2) and 1.33(b).

5.  Incorporation By Reference (*useable if Box 4b is checked*)  
The entire disclosure of the prior application, from which a copy of the oath or declaration is supplied under Box 4b, is considered as being part of the disclosure of the accompanying application and is hereby incorporated by reference therein.

17. If a CONTINUING APPLICATION, check appropriate box and supply the requisite information:

Continuation    Divisional    Continuation-in-part (CIP)

of prior application No: 09/405,178

Prior Application Information: Examiner: Wilson, C. Group/Art Unit: 2824

18. CORRESPONDENCE ADDRESS

Customer Number or Bar Code Label

22930

*(Insert Customer No. or Attach bar code label here)*

or  Correspondence address below

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Signature			Date	February 14, 2001

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JCS 96 U.S. Pro  
09/781987  
02/14/01

Attorney Docket No. 06192.0094.DVUS01

ASSISTANT COMMISSIONER FOR PATENTS  
 Washington, D.C. 20231

Sir:

Transmitted herewith for filing is the patent application of

Inventors: **Jong-Hwan CHA, et al.**

For: **APPARATUS FOR MANUFACTURING A THIN FILM TRANSISTOR ARRAY PANEL  
 FOR A LIQUID CRYSTAL DISPLAY (AS AMENDED)**

Enclosed are:

- A specification containing: 12 pages of description prior to the claims; 4 pages of claims (9 claims); a one (1) page abstract; 13 sheets of drawings (Figures 1A- 14 inclusive)
- PTO SB/05
- Copy of Executed Declaration-POA from Prior Patent Application.

The filing fee has been calculated as shown below:

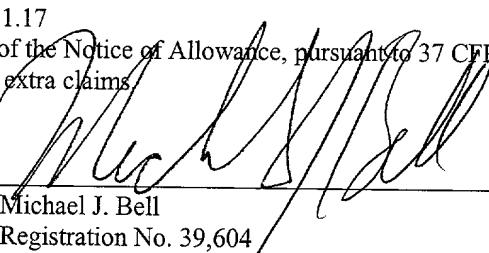
(Col. 1)	(Col. 2)	
FOR	NO. FILED	NO. EXTRA
BASIC FEE		
TOTAL CLAIMS	1 -20 =	* 0
INDEP. CLAIMS	1 -3 =	* 0
<input checked="" type="checkbox"/> MULTIPLE DEPENDENT CLAIM PRESENTED		

SMALL ENTITY		OTHER THAN A SMALL ENTITY	
RATE	FEE	RATE	FEE
	\$ 345.00		\$ 710.00
x 9 =		x 18 =	
x 39 =		x 80=	
+ 130 =		+ 270 =	
TOTAL		TOTAL	\$ 710.00

If the difference in Col. 1 is less than zero, enter "0" in Col. 2

 A check in the amount of \$710.00 to cover the filing fee is enclosed. The U.S. Patent and Trademark Office is hereby authorized to charge payment of the following fees associated with this communication or credit any overpayment to Deposit Account No. 08-3038. *A duplicate copy of this sheet is attached.*

- Any additional filing fees required under 37 CFR 1.16.
- Any patent application processing fees under 37 CFR 1.17.
  
- The U.S. Patent and Trademark Office is hereby authorized to charge payment of the following fees during the pendency of this application or credit any overpayment to Deposit Account No. 08-3038. *A duplicate copy of this sheet is enclosed.*
  
- Any patent application processing fees under 37 CFR 1.17
- The issue fee set in 37 CFR 1.18 at or before mailing of the Notice of Allowance, pursuant to 37 CFR 1.311(b).
- Any filing fees under 37 CFR 1.16 for presentation of extra claims

Date 2/14/01
  
 Michael J. Bell  
 Registration No. 39,604



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February 14, 2001

02/14/01  
JC986 U.S. PTO

JC986 U.S. PTO  
09/781987 Pro  
02/14/01

**Box New Applications**  
Assistant Commissioner for Patents  
Washington, DC 20231

Re: New Utility Non-Provisional Patent Application  
Application No. **TO BE ACCORDED** Filed **HEREWITH**  
Divisional of U.S. Patent Application No. 09/405,178, filed September  
24, 1999  
Title: **APPARATUS FOR MANUFACTURING A THIN FILM  
TRANSISTOR ARRAY PANEL FOR A LIQUID CRYSTAL DISPLAY (AS  
AMENDED)**  
Inventors: **Jong-Hwan CHA, et al.**  
Our Ref: 06192.0094.DVUS01

Sir:

Transmitted herewith for filing under 37 C.F.R. § 1.53(b) is a divisional application of prior Application No. 09/405,178, consisting of the following documents:

1. U.S. Utility Patent Application entitled:

**METHOD OF MANUFACTURING A THIN FILM TRANSISTOR ARRAY  
PANEL FOR A LIQUID CRYSTAL DISPLAY**

and naming as inventors: **Jong-Hwan CHA  
Geun-Ha JANG  
Dae-Sung YI**

the application consisting of:

- a. A specification containing:
  - (i) 12 pages of description prior to the claims;
  - (ii) 4 pages of claims (9 claims);
  - (iii) a one (1) page abstract;
- b. 13 sheets of drawings (Figures 1A-1D, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13  
*and* 14, inclusive);

2. Form PTO-SB/05;
3. Form PTO 1082;

Box New Applications  
Attorney Docket No. 06192.0094.DVUS01  
February 14, 2001  
Page 2

5. A Preliminary Amendment;
6. Check No. 346518 for **\$710.00** to cover:

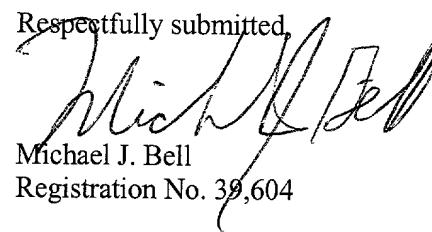
**\$710.00** Filing fee for patent application;

7. Two Return Postcards.

It is respectfully requested that, of the two attached postcards, one be stamped with the filing date of these documents and returned to our courier, and the other, prepaid postcard, be stamped with the filing date and unofficial application number and returned as soon as possible.

The U.S. Patent and Trademark Office is hereby authorized to charge any fee deficiency, or credit any overpayment, to our Deposit Account No. 08-3038 referencing docket number 06192.0094.DVUS00.  
*A duplicate copy of this letter is enclosed.*

Respectfully submitted,



Michael J. Bell  
Registration No. 39,604

Enclosures